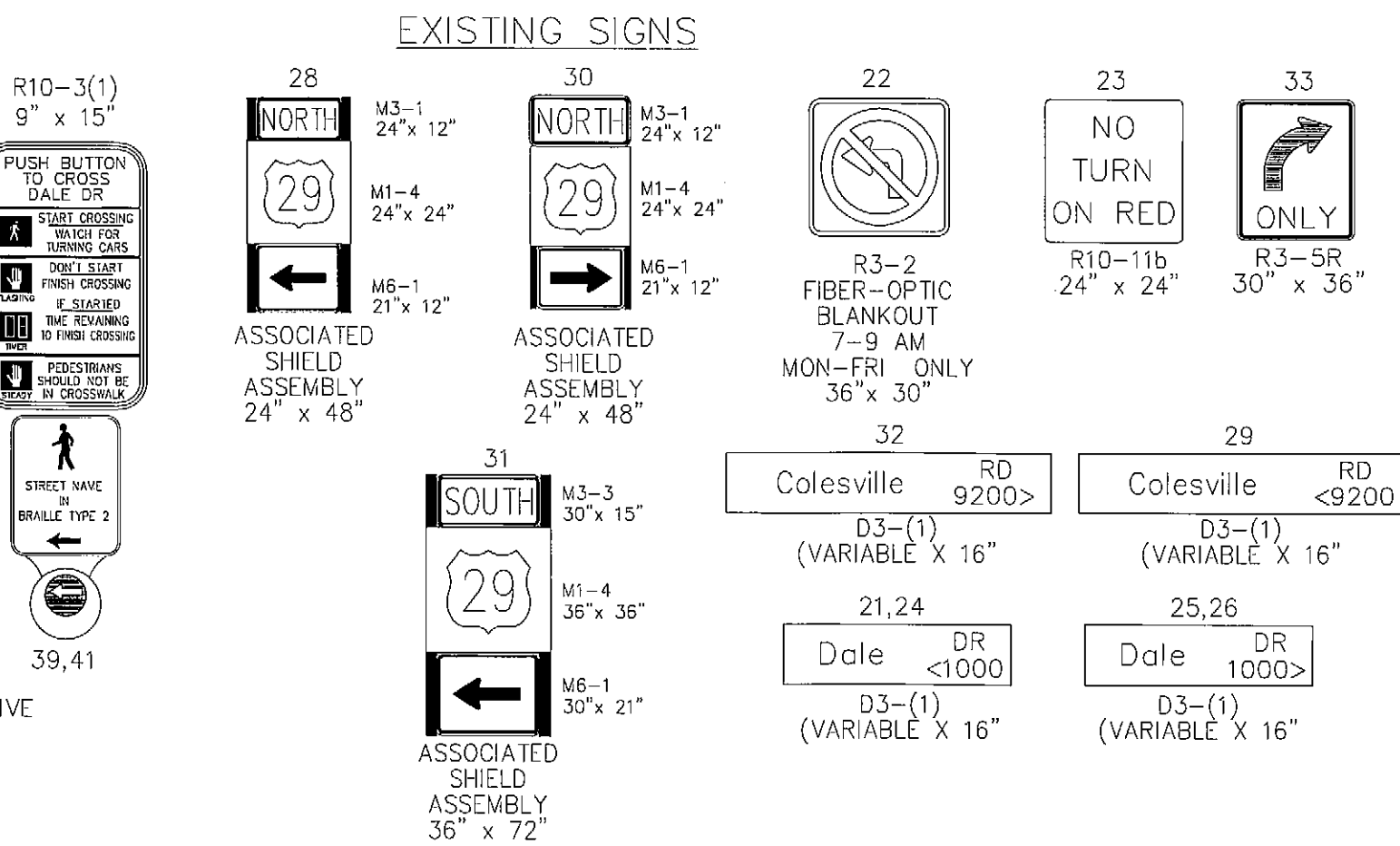
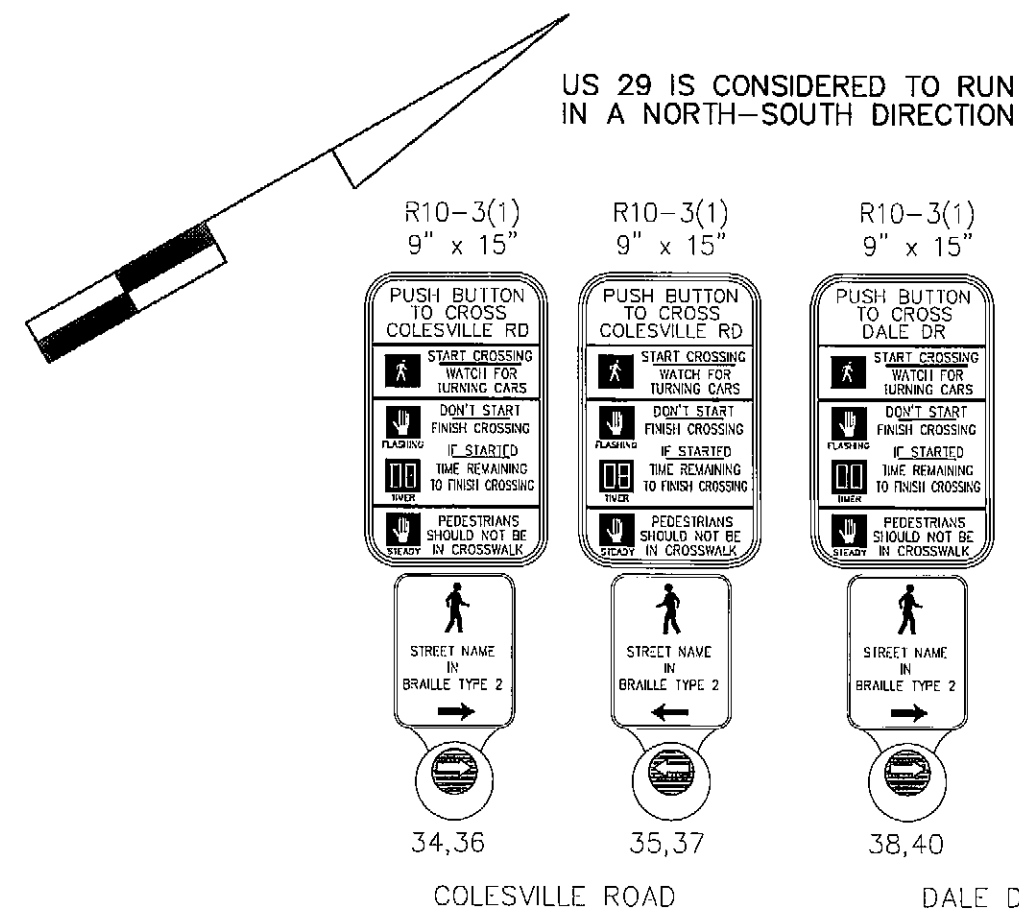


DRILL HOLES

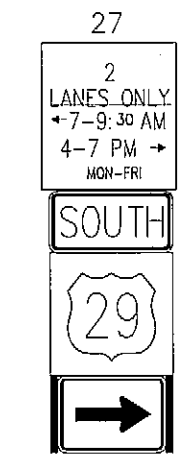
DRILL HOLES

DRILL HOLES

BY: \$USERNAME\$

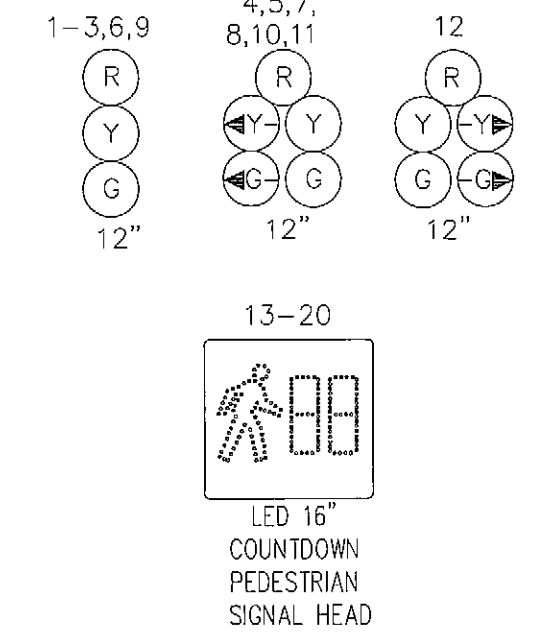


EXISTING SIGNS



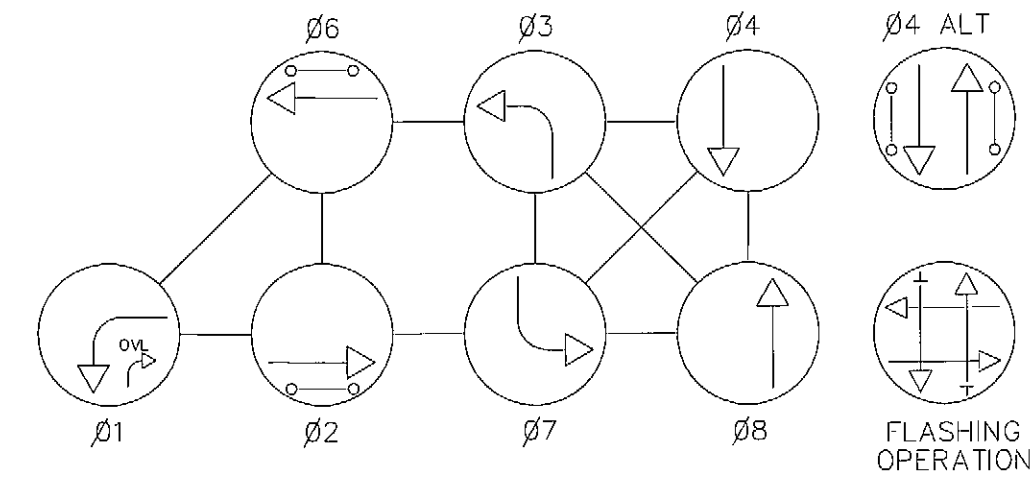
SEE DETAIL "HH" FOR RELOCATION INFORMATION

EXISTING LED SIGNALS

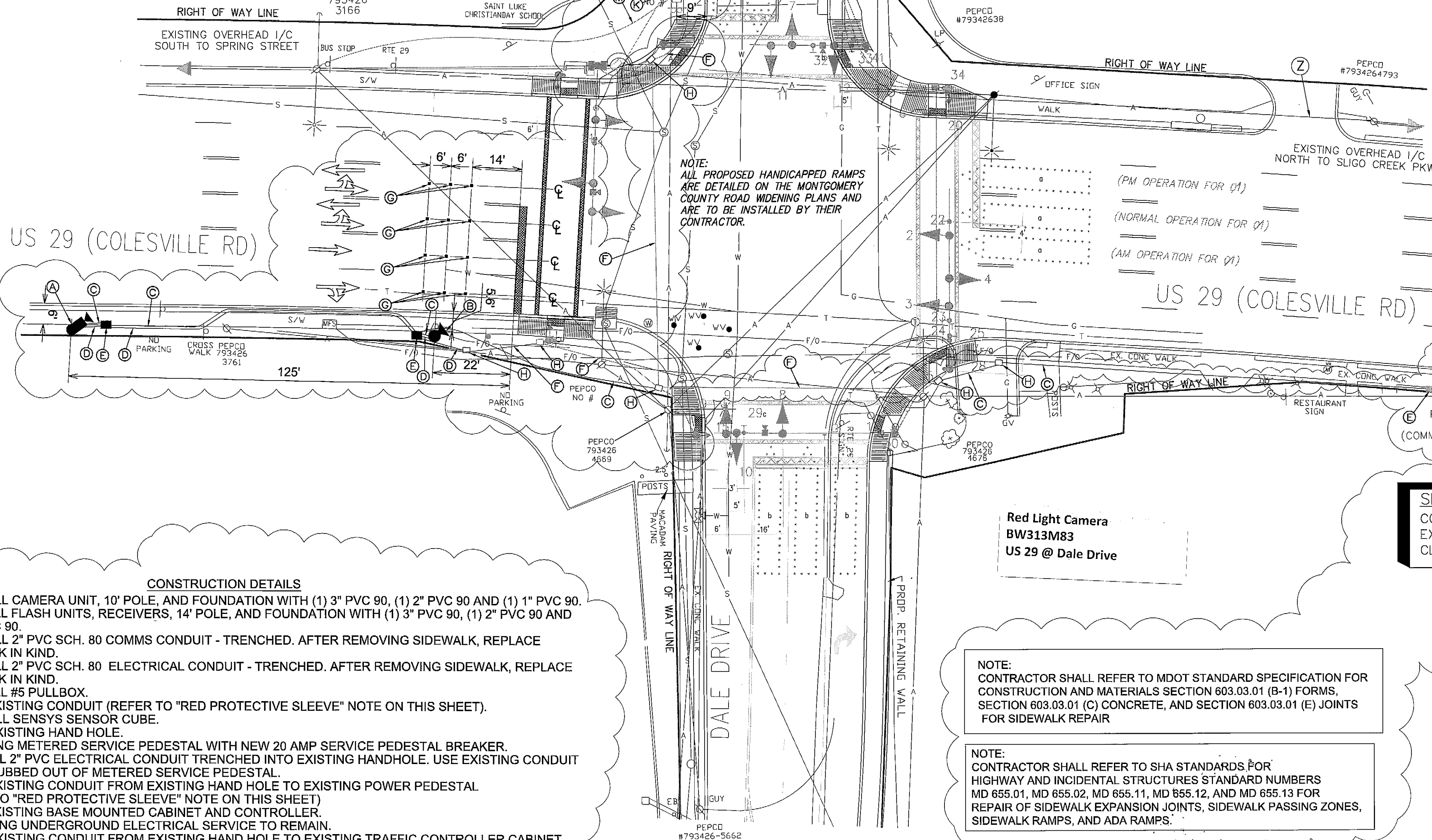


● - SURVEILLANCE CAMERA
■ - VIDEO DETECTION CAMERA (a-c)

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.

NOTE: CONTRACTOR SHALL USE A RED PROTECTIVE SLEEVE TO SEPARATE THE RED LIGHT CAMERA SYSTEM WIRES FROM EXISTING SHA SIGNAL WIRES AT ALL TIMES WHEN ROUTING THROUGH EXISTING CONDUIT, HANDHOLES, SIGNAL STRUCTURES, AND SPAN WIRES.

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

NOTE: CONTRACTOR SHALL INSTALL JET LINE IN NEW COMMS CONDUIT FOR PULLING OF FUTURE CABLE

SPECIAL NOTE:
CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

CONSTRUCTION DETAILS

A. INSTALL CAMERA UNIT, 10' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.

B. INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.

C. INSTALL 2" PVC SCH. 80 COMMS CONDUIT - TRENCHED. AFTER REMOVING SIDEWALK, REPLACE SIDEWALK IN KIND.

D. INSTALL 2" PVC SCH. 80 ELECTRICAL CONDUIT - TRENCHED. AFTER REMOVING SIDEWALK, REPLACE SIDEWALK IN KIND.

E. INSTALL #5 PULLBOX.

F. USE EXISTING CONDUIT (REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).

G. INSTALL SENSYS SENSOR CUBE.

H. USE EXISTING HAND HOLE.

I. EXISTING METERED SERVICE PEDESTAL WITH NEW 20 AMP SERVICE PEDESTAL BREAKER.

J. INSTALL 2" PVC ELECTRICAL CONDUIT TRENCHED INTO EXISTING HANDHOLE. USE EXISTING CONDUIT BAND STUBBED OUT OF METERED SERVICE PEDESTAL.

K. USE EXISTING CONDUIT FROM EXISTING HAND HOLE TO EXISTING POWER PEDESTAL (REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).

L. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.

M. EXISTING UNDERGROUND ELECTRICAL SERVICE TO REMAIN.

N. USE EXISTING CONDUIT FROM EXISTING HAND HOLE TO EXISTING TRAFFIC CONTROLLER CABINET (REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).

NOTE:
CONTRACTOR SHALL REFER TO MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS SECTION 603.03.01 (B-1) FORMS, SECTION 603.03.01 (C) CONCRETE, AND SECTION 603.03.01 (E) JOINTS FOR SIDEWALK REPAIR

NOTE:
CONTRACTOR SHALL REFER TO SHA STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES STANDARD NUMBERS MD 655.01, MD 655.02, MD 655.11, MD 655.12, AND MD 655.13 FOR REPAIR OF SIDEWALK EXPANSION JOINTS, SIDEWALK PASSING ZONES, SIDEWALK RAMPS, AND ADA RAMPS.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 29 (COLESVILLE RD.) NB AND DALE DRIVE

APPROVALS	REVISIONS	SCALE 1"= 20'	ADVERTISED DATE	CONTRACT NO.
TEAM LEADER	RED LIGHT CAMERA INSTALLATION TIMS # 1422	DESIGNED BY	COUNTY	MONTGOMERY
ASST. DIV. CHIEF	REBUILD SIGNAL USING MAST ARMS ADD APS, CPS AND UPS SHA NO. BW999M82	DRAWN BY	LOGMILE	15002901.51
DIVISION CHIEF	MODIFY EB & WB DALE DRIVE TO EXCLUSIVE / PERMISSIVE SHA NO.	CHECKED BY	TIMS NO.	
OFFICE DIRECTOR		F.A.P. NO.	TOD NO.	
			TS NO. 1717C	SHEET NO. 1 OF 2

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